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The invention relates to the heat power engineering and may be used for heating of rooms and hot water supply.

The heating boiler, according to the first and second variants, contains a body in the form of rectangular parallelepiped or cylinder in the form of water jacket, framing the furnace and the gas duct, wherein there are mounted hollow convective elements, communicating with the water jacket, a smoke flue and a water heater for hot water supply, made in the form of a spirally bent pipe and installed into the water jacket. Novelty consists in that into the gas duct there are additionally mounted horizontal partitions, partially covering it and the installed one above another, hollow convective elements are made arched, some ends of which are fixed in the upper base of the water jacket, and the other ones – into the lateral walls of the water jacket, at the same time the spirally bent pipe of the water heater is installed into the lateral wall of the body, along the full height thereof.

The hollow convective elements of the heating boiler, according to the third variant, are made in the form of vertical pipes with external ribbing, some ends of which are fixed in the upper base of the water jacket, and the other ones are made blind.

Claims: 5

Fig.: 5